

STATE OF CALIFORNIA
California Energy Commission
Minutes of the July 10, 2013 Energy Commission Business Meeting

The meeting was called to order at 1:37 p.m. by Chair Robert B. Weisenmiller. The Pledge of Allegiance was led by Chair Weisenmiller.

Present:
Robert B. Weisenmiller, Chair
Karen Douglas, Commissioner

Andrew McAllister, Commissioner
Janea A. Scott, Commissioner

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. **UNIVERSITY OF CALIFORNIA, SANTA BARBARA.** Possible approval of Amendment 1 to Contract 500-10-021 with the Regents of the University of California on behalf of the Santa Barbara campus for a three month no cost time extension, for a new term of 33 months. This agreement will create a practical framework for assessing cumulative biological impacts caused by new solar energy projects throughout the California Desert ecoregions to assist in the development of the Desert Renewable Energy Conservation Plan. (PIER electricity funding) Contact: Simone Brant.
 - b. **UNIVERSITY OF CALIFORNIA, LOS ANGELES.** Possible approval of Amendment 1 to Contract 500-10-033 with the Regents of the University of California on behalf of the Los Angeles Campus for a 12 month no cost time extension, for a new term of 43 months. This project will develop and pilot a methodology that combines Urban Metabolism and LCA with the PECAS model to create a comprehensive tool for evaluating and analyzing regional energy use and its environmental and socio-economic impacts. Acquisition of critical data was delayed; therefore additional time is needed to allow for proper analysis. (PIER electricity funding) Contact: Jason Harville.
 - c. **GAS TECHNOLOGY INSTITUTE.** Possible approval of Amendment 1 to Grant Agreement PIR-10-002 with Gas Technology Institute for an 11 month no cost time extension, for a new term of 47 months. This project will demonstrate medium temperature non-tracking solar collectors in an industrial setting. The original host site was withdrawn from the project, necessitating the extension to allow the data collection to be concluded at the replacement location. (PIER natural gas funding) Contact: Michael Lozano.
 - d. **ELECTRIC POWER GROUP, LLC.** Possible approval of Amendment 1 to Grant Agreement PIR-10-068 with Electric Power Group, LLC, to reallocate the budget toward current tasks that will benefit from increased funding, add job classifications, and update the terms and conditions. EPG will work with the California Independent System Operator and the Western Electricity Coordinating Council to implement synchrophasor technology with the Western Interconnection. There are no changes to the scope of work, agreement amount, or duration of the agreement. (PIER electricity funding) Contact: Lillian Mirviss.
 - e. **UTILITY SAVINGS AND REFUND, LLC.** Possible approval to terminate agreement PIR-10-023 with Utility Savings and Refund, LLC (US&R) for the

project entitled “Application of High Capacity Electric Energy Storage via Vanadium Redox Flow Batteries, in conjunction with Fuel Cells, to a Wastewater Treatment Facility.” The agreement is being mutually terminated for cause due to US&R’s loss of match funding for the Vanadium Redox Flow Battery that was to be demonstrated in this project. (PIER electricity funding) Contact: Paul Roggensack.

- f. CITY OF VISALIA. Possible approval of Amendment 1 to Loan Agreement 008-12-ECD with the City of Visalia decrease the loan amount by \$24,664. The original loan for energy efficiency retrofits of \$500,000 will be reduced to \$475,336, consistent with the funding for the projects that will remain in the scope. The original scope included projects that were completed before the effective date of the loan agreement and therefore those projects have been removed. The amended project will save the City approximately \$96,601 annually and will have a 4.9 year payback. (ECAA Program funding) Contact: Karen Perrin.
- g. BLYTHE ENERGY PROJECT (99-AFC-8C). Possible approval of a petition to change operational control of the Blythe Energy Project from NextEra Energy Operating Services, LLC to AltaGas Blythe Operations Inc. Contact: Mary Dyas.

Commissioner Douglas moved and Commissioner Scott seconded approval of the Consent Calendar. The vote was unanimous. (4-0)

- 2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (5 minutes)

No action was taken on Item 2.

- 3. PITTSBURG UNIFIED SCHOOL DISTRICT. Possible approval of Agreement 001-13-ECD for a \$1,766,665 loan at one percent interest to Pittsburg Unified School District to install a 150 kilowatt photovoltaic system, lighting retrofits for nine schools and occupancy controls for HVAC systems at three schools. The District will use this loan and a PG&E rebate of \$56,976 to install the energy efficiency measures. These projects are estimated to save about \$140,584 annually and have a simple payback of 12.6 years. (ECAA Program funding) Contact: Joseph Wang. (5 minutes)

Commissioner McAllister moved and Commissioner Douglas seconded approval of Item 3. The vote was unanimous. (4-0)

- 4. KILOWATT ENGINEERING, INC. Possible approval of Agreement 400-13-001 with Kilowatt Engineering, Inc. for a \$2 million contract to provide energy audits and other related services to the Bright Schools, Energy Partnership, and Energy Conservation Assistance Act programs to improve energy efficiency at existing and planned facilities. (ECAA Program funding) Contact: Joji Castillo. (5 minutes)

Commissioner McAllister moved and Commissioner Scott seconded approval of Item 4. The vote was unanimous. (4-0)

- 5. TETRA TECH, INC. Possible approval of Agreement 600-13-002 with Tetra Tech, Inc. for a work authorization contract of up to \$2 million to provide technical support and engineering consultancy services for the Energy Commission's Alternative and Renewable Fuels and Vehicle Technology Program. The contractor team will assist in evaluating the technical merits of proposals submitted for funding, provide technical

assistance in troubleshooting projects, and confirm that the projects have been built according to the technical specifications in the agreement. (ARFVTP funding) Contact: Aida Escala. (5 minutes)

Commissioner Scott moved and Commissioner Douglas seconded approval of Item 5. The vote was unanimous. (4-0)

6. **Minutes:** Possible approval of the June 12, 2013, Business Meeting Minutes.

Commissioner Douglas moved and Commissioner McAllister seconded approval of the Minutes. The Vote was unanimous. (4-0)

7. **Lead Commissioner or Presiding Member Reports.**

Commissioner Scott reported on the Western Governors Association meeting and her tour of Sandia Labs.

Commissioner McAllister reported on the recent AB 758 workshops held across the state, the Major Economies Forum hosted by Berkeley Labs, recent IEPR workshops, and Proposition 39.

Chair Weisenmiller highlighted AB 758 and IEPR workshops he attended and Prop 39.

Commissioner Douglas reported on her recent meetings with planning staff in Los Angeles, San Bernardino, and Riverside Counties, and the Imperial Irrigation District.

8. **Chief Counsel's Report:** Chief Counsel Michael Levy requested a closed session to determine whether facts and circumstances exist that may warrant the initiation of litigation.
9. **Executive Director's Report.** Executive Director Rob Oglesby gave the report and announced the appointment of Lori Sinsley as Deputy Executive Director for Strategic Planning and Media, Alana Mathews as the Commission's Public Adviser, and Kourtney Vaccaro as Assistant Executive Director for Consumer Assistance and Enforcement.
10. **Public Adviser's Report.** Public Adviser Alana Mathews gave the report.
11. **Public Comment:** None.

Appearances:

Mr. Bruce Chamberlain, Kilowatt Engineering (by telephone)

There being no further business, the meeting was recessed to closed session at 2:18 p.m., reconvened at 2:24 p.m. and immediately adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission